

=> d his

(FILE 'HOME' ENTERED AT 19:11:15 ON 26 AUG 2001)

FILE 'REGISTRY' ENTERED AT 19:11:26 ON 26 AUG 2001

L1 STRUCTURE UPLOADED

L2 1 S L1

L3 13 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 19:12:30 ON 26 AUG 2001

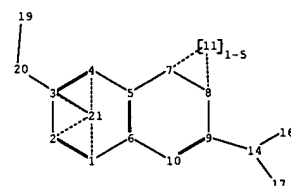
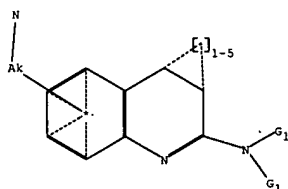
L4 2 S L3

L5 2 S L4 AND JAROCK, S?/AU

FILE 'CAOLD' ENTERED AT 19:13:02 ON 26 AUG 2001

=> s 13

STN Structure : 09787848.str



chain nodes :

14 16 17 19 20

ring nodes :

1 2 3 4 5 6 7 8 9 10 11

chain bonds :

9-14 14-16 14-17 19-20

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-11 9-10

exact/norm bonds :

5-7 6-10 7-8 7-11 8-9 8-11 9-10 9-14 14-16 14-17 19-20

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

G1:Ak,H

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
14:CLASS 16:CLASS 17:CLASS 19:CLASS 20:CLASS 21:CLASS

Connecting via Winsock to STN

Trying 3106016892...Open

Welcome to STN International! Enter x:x

LOGINID:sssptal612BXR

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
 NEWS 2 Dec 17 The CA Lexicon available in the CAPLUS and CA files
 NEWS 3 Feb 06 Engineering Information Encompass files have new names
 NEWS 4 Feb 16 TOXLINE no longer being updated
 NEWS 5 Apr 23 Search Derwent WPINDEX by chemical structure
 NEWS 6 Apr 23 PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA
 NEWS 7 May 07 DGENE Reload
 NEWS 8 Jun 20 Published patent applications (A1) are now in USPATFULL
 NEWS 9 JUL 13 New SDI alert frequency now available in Derwent's
 DWPI and DPCI
 NEWS 10 Aug 23 In-process records and more frequent updates now in
 MEDLINE
 NEWS 11 Aug 23 PAGE IMAGES FOR 1947-1966 RECORDS IN CAPLUS AND CA
 NEWS 12 Aug 23 Adis Newsletters (ADISNEWS) now available on STN

 NEWS EXPRESS August 15 CURRENT WINDOWS VERSION IS V6.0c,
 CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP),
 AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001
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 NEWS WWW CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 19:11:15 ON 26 AUG 2001

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY	SESSION
0.15	0.15

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STRUCTURE FILE UPDATES: 24 AUG 2001 HIGHEST RN 352622-20-9
DICTIONARY FILE UPDATES: 24 AUG 2001 HIGHEST RN 352622-20-9

TSCA INFORMATION NOW CURRENT THROUGH January 11, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT
for details.

=>

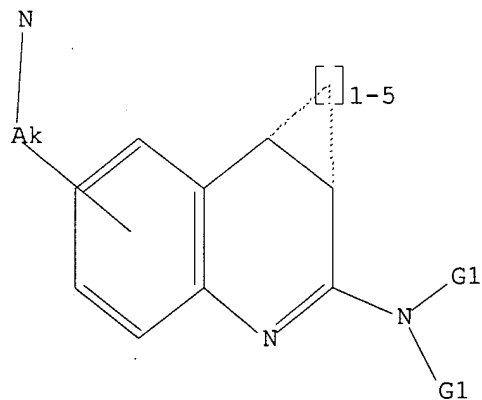
Uploading 09787848.str

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



G1 Ak,H

Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 19:12:03 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 201 TO ITERATE

100.0% PROCESSED 201 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 3170 TO 4870
 PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 133.25 U.S. DOLLARS
 DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 19:12:19 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 4138 TO ITERATE

100.0% PROCESSED 4138 ITERATIONS 13 ANSWERS
 SEARCH TIME: 00.00.05

L3 13 SEA SSS FUL L1

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	133.87	134.02

FILE 'HCAPLUS' ENTERED AT 19:12:30 ON 26 AUG 2001
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FILE COVERS 1947 - 26 Aug 2001 VOL 135 ISS 10
 FILE LAST UPDATED: 24 Aug 2001 (20010824/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

HCAplus now provides online access to patents and literature covered in CA from 1947 to the present. On April 22, 2001, bibliographic information and abstracts were added for over 2.2 million references published in CA from 1947 to 1966.

=> s l3

L4 2 L3

=> s 14 and jaroch, s?/au

18 JAROCH, S?/AU
 L5 2 L4 AND JAROCH, S?/AU

=> d 14, ibib abs fhitr, 1-2

L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 2000:351501 HCAPLUS

DOCUMENT NUMBER: 132:347501

TITLE: Preparation of
3a-fluorocyclopenta[c]quinolin-4-amines

and analogs as NOS inhibitors

INVENTOR(S): Jaroch, Stefan; Rehwinkel, Hartmut; Holscher, Peter;
Sulzle, Detlev; Hillmann, Margrit; Burton, Gerardine
Anne; McDonald, Fiona MacDougall

PATENT ASSIGNEE(S): Schering Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 51 pp.

CODEN: PIXXD2

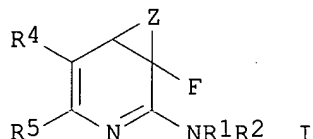
DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000029381	A1	20000525	WO 1999-EP8519	19991110
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
NO 2001002328	A	20010511	NO 2001-2328	20010511
PRIORITY APPLN. INFO.:			DE 1998-19854042	A 19981113
			WO 1999-EP8519	W 19991110
OTHER SOURCE(S):		MARPAT 132:347501		
GI				



AB Title compds. [I; R1,R2 = H, alkyl, alkoxy(carbonyl), acyl, etc.; R4R5 =

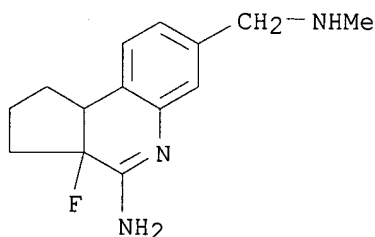
(un)substituted CH:CHCH:CH; Z = (un)substituted (heteroatom-interrupted) alkylene] were prepd. as NOS inhibitors (no data). Thus, 2,3,3a,8a-tetrahydro-1H-cyclopent[a]inden-8-one was oximated and the product subjected to Beckmann rearrangement to give, in 5 addnl. steps, I [R1 = R2 = H, R4R5 = CH:CHCH:CH, Z = (CH2)3].

IT 270082-56-9P

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of 3a-fluorocyclopenta[c]quinolin-4-amines and analogs as NOS inhibitors)

RN 270082-56-9 HCAPLUS

CN 1H-Cyclopenta[c]quinoline-7-methanamine, 4-amino-3a-fluoro-2,3,3a,9b-tetrahydro-N-methyl-, dihydrochloride (9CI) (CA INDEX NAME)



● 2 HCl

REFERENCE COUNT: 2

REFERENCE(S): (1) Merck & Co Inc; WO.9614844 A 1996 HCAPLUS
(2) Merck & Co Inc; WO 9614844 A 1996 HCAPLUS

L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 2000:210125 HCAPLUS

DOCUMENT NUMBER: 132:251082

TITLE: Preparation of aminoalkylcyclopentaquinolines and related compounds as nitric oxide synthase

inhibitors.

INVENTOR(S): Jaroch, Stefan; Rehwinkel, Hartmut; Holscher, Peter; Sulzle, Detlev; Hillmann, Margrit; Burton, Gerardine Anne; McDonald, Fiona McDougall

PATENT ASSIGNEE(S): Schering Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 40 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

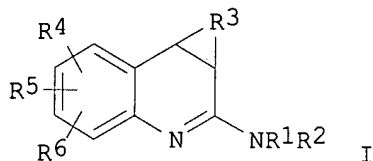
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000017167	A1	20000330	WO 1999-EP7091	19990920
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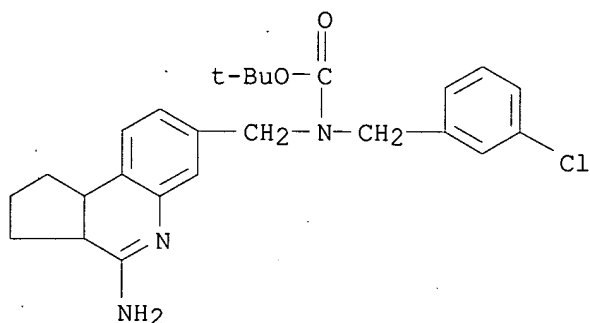
CZ, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN,
 IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG,
 MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL,
 TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG,
 KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
 DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 DE 19845830 A1 20000330 DE 1998-19845830 19980924
 AU 9961955 A1 20000410 AU 1999-61955 19990920
 EP 1115708 A1 20010718 EP 1999-948842 19990920
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO
 NO 2001001506 A 20010523 NO 2001-1506 20010323
 PRIORITY APPLN. INFO.: DE 1998-19845830 A 19980924
 WO 1999-EP7091 W 19990920
 OTHER SOURCE(S): MARPAT 132:251082
 GI



AB Title compds. [I; R1, R2 = H, alkyl, amino, cyano, acyl, OH, alkoxy, aryloxy, etc.; R3 = (unsatd.) (substituted) (heteroatom-interrupted) C1-5 alkylene; R4 = aminoalkyl; R4R5 = atoms to form a 5-6 membered ring; R5, R6 = H, halo, alkyl, CF3, OCF3, OH, alkoxy, aryloxy], were prepd. for treatment of neurodegenerative disease (no data). Thus, 7-(N-tert-butoxycarbonyl-3-chlorobenzylamino)methyl-1,2,3,3a,5,9b-hexahydrocyclopenta[c]quinoline-4-thione (prepn. given) was suspended in MeOH contg. NH3 for 15 h to give 4-amino-7-(N-tert-butoxycarbonyl-3-chlorobenzylamino)methyl-2,3,3a,9b-tetrahydro-1H-cyclopenta[c]quinoline.

IT **262380-52-9P**
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of aminoalkylcyclopentaquinolines and related compds. as nitric oxide synthase inhibitors)

RN 262380-52-9 HCAPLUS
 CN Carbamic acid, [(4-amino-2,3,3a,9b-tetrahydro-1H-cyclopenta[c]quinolin-7-yl)methyl][(3-chlorophenyl)methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2
 REFERENCE(S): (1) Merck & Co Inc; WO 9614844 A 1996 HCAPLUS
 (2) Schering Ag; WO 9941240 A 1999 HCAPLUS

=> file caold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	10.37	144.39
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.18	-1.18

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FILE COVERS 1907-1966
 FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

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FILE 'REGISTRY' ENTERED AT 19:11:26 ON 26 AUG 2001
 L1 STRUCTURE UPLOADED
 L2 1 S L1

L3 13 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 19:12:30 ON 26 AUG 2001

L4 2 S L3

L5 2 S L4 AND JAROCK, S?/AU

FILE 'CAOLD' ENTERED AT 19:13:02 ON 26 AUG 2001

=> s 13

L6 0 L3

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	0.31	144.70
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	0.00	-1.18

* * * * *

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* * * * *

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